

MARYLAND REFRACTORIES COMPANY

P.O. Box 267, Salisbury Rd.
Irondale, OH 43932
800-228-4672

Specification Sheet

90A Grog is produced from virgin 90% alumina scrap and kiln furniture. The chemistry is very consistent. It is often used to raise the alumina content in mix operations or to produce high alumina monolithic refractories.

Our raw material comes from a variety of sources, usually from the manufacturer. It is virtually contaminant free.

Common sizes are 3/8, 4/10, 8/20. 4/ Finer, 10/ Finer and 20/ Finer.

Typical specifications

PCE Color	40 to 42
Moisture Bulk	Off White
Density Specific	0.5 % max, 0.2 % typical
Gravity	1.75 g/cc 3.00

Chemical Analysis:

	Range	Typical
SiO ₂	5.0 - 12.4	8.50
Al ₂ O ₃	86.0 - 93.0	89.50
Fe ₂ O ₃	0.1 - 0.5	0.30
CaO	0.1 - 1.0	0.50
MgO	0.04 - 0.8	0.50
TiO ₂	0.1 - 1.0	0.70
Alkalies	0.1 - 0.5	0.30
LOI	0.1 - 0.3	0.10